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Serial No.: 10/743,443

Amendment B dated September 22, 2008

Response to final Office action dated July 23, 2008

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1. (previously presented) A method of determining a consequent step within a multi-step procedure comprising the steps of:

identifying a particular step within the multi-step procedure;

identifying a component usable in the procedure;

determining the consequent step within the procedure based on the identity of the component and the particular step; and

displaying a representation related to the consequent step on a display unit.

2. (canceled)

3. (previously presented) The method of claim 1 that includes the step of identifying a particular location of the component and wherein the determining step is based on the location, the identity of the component, and the particular step.

4. (canceled)

5. (original) The method of claim 1 wherein the component is a multipart component capable of self-identifying the component's composite parts.

6. (original) The method of claim 5 wherein the multipart component is a tool with an attached device wherein the tool can identify the attached device.

7. (previously presented) The method of claim 5 wherein the multipart component is a tool with an attached device wherein the attached device is separately identifiable.

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8. (original) The method of claim 3 wherein the identification of a particular location is done using a navigation system.

9. (original) The method of claim 1 that includes the step of configuring the consequent step with a parameter of the component.

10. (previously presented) The method of claim 1 wherein the consequent step is a warning that the component is inappropriate for the particular step.

11. (original) The method of claim 1 wherein the consequent step includes controlling a piece of auxiliary apparatus.

12. (previously presented) The method of claim 1 that includes the step of identifying an additional component and wherein the determination of the consequent step is based on the identity of the component, the identity of the additional component, and the particular step.

13. (currently amended) The method of claim 1 that includes the additional step of moving automatically jumping to and displaying the representation related to the determined consequent step without direct interaction between a user and a computer system.

14. (currently amended) The method of claim 1 wherein the multi-step procedure is a computer controlled and directed surgical procedure.

15. (previously presented) The method of claim 1 that includes a database of user preferences and wherein the determining step is based on the database, the identity of the component, and the particular step.

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16. (currently amended) A system to determine a consequent step within a multi-step procedure comprising:
means for identifying a particular step within the multi-step procedure;
means for identifying a component usable in the procedure;
means for determining the consequent step within the procedure based on the identity of the component and the particular step; and
means for controlling a display unit that displays to display a representation related to the consequent step.

17. (canceled)

18. (previously presented) The system of claim 16 that includes means for identifying a particular location of the component and wherein the means for determining determines the consequent step based on the location, the identity of the component, and the particular step.

19. (canceled)

20. (original) The system of claim 16 wherein the component is a multipart component capable of self-identifying the component's composite parts.

21. (original) The system of claim 20 wherein the multipart component is a tool with an attached device wherein the tool can identify the attached device.

22. (original) The system of claim 20 wherein the multipart component is a tool with an attached device wherein the attached device separately identifiable.

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23. (previously presented) The system of claim 18 wherein the means for identifying a particular location of the component is incorporated within a navigation system.

24. (previously presented) The system of claim 16 that includes means for configuring the consequent step with a parameter of the component.

25. (previously presented) The system of claim 16 wherein the consequent step is a warning that the component is inappropriate for the particular step.

26. (original) The system of claim 16 wherein the consequent step includes controlling a piece of auxiliary apparatus.

27. (previously presented) The system of claim 16 that includes means for identifying an additional component and wherein the means for determining determines the consequent step based on the identity of the component, the identity of the additional component, and the particular step.

28. (currently amended) The system of claim 16 that includes means for ~~moving~~ automatically jumping to and displaying the representation related to the determined consequent step without direct interaction between a user and a computer system.

29. (currently amended) The system of claim 16 wherein the multi-step procedure is a computer controlled and directed surgical procedure.

30. (previously presented) The system of claim 16 that includes a database of user preferences and wherein the means for determining determines the consequent step based on the database, the identity of the component, and the particular step.

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31. (previously presented) The method of claim 1 wherein one or more components needed for each step of the multi-step procedure are known.

32. (previously presented) The method of claim 1 wherein the particular step and the consequent step relate to different representations on a display screen.

33. (previously presented) The method of claim 1 that includes the step of determining whether the component is appropriate for a current step, a prior step, or a future step, and if not, wherein the consequent step is a warning that the component is inappropriate for the multi-step procedure.

34. (canceled)